
WORLDWIDE
***** (TM)

Release 3.1A John F. Collins, Biocomputing Research Unit.
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Mpsrch_n n.a. - n.a. database search, using Smith-Waterman algorithm

Run on: Fri Jan 14 18:11:25 2000; MasPar time 42.04 Seconds
1135.273 Million cell updates/sec

Tabular output not generated.

Title: >US-08-978-217-15

Description: (7201-7752) from US08978217.seq (9 of 10)

Perfect Score: 552 CATTACATGATGTTTC.....CAGAGGGTCTCCTGATCC 7752

N.A. Sequence: 7201 GGAATTGATCCTACACAGG.....GTCTCCACAGAGACCTAGG

Comp:

Scoring table: TABLE default

Gap 6

Mismatch STD : Dbase 0; Query 0

Searched: 165362 seqs, 43234748 bases x 2

Post-processing: Minimum Match 0%
Listing first 45 summaries

Database: n-issued
1:5A_COMB 2:5B_COMB 3:5C_COMB 4:PCT9_COMB 5:backfile1

Statistics: Mean 8.112; Variance 4.337; scale 1.871

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description	Pred. No.
1	82	14.9	1920	3	US-08-746-	Sequence 1, Applicatio	6.09e-42
2	57	10.3	7218	2	US-08-232-	Sequence 14, Applicat	7.50e-24
3	34	6.2	965	3	US-08-388-	Sequence 22, Applicat	2.66e-08
4	32	5.8	965	3	US-08-388-	Sequence 22, Applicat	4.83e-07
5	32	5.8	7218	2	US-08-232-	Sequence 14, Applicat	4.83e-07
6	31	5.6	215	1	US-08-238-	Sequence 5, Applicatio	2.02e-06
7	26	4.7	74	4	PCT-US95-1	Sequence 100, Applicat	2.04e-03
8	26	4.7	81	4	PCT-US95-1	Sequence 98, Applicati	2.04e-03
9	26	4.7	215	1	US-08-238-	Sequence 5, Applicatio	2.04e-03
10	25	4.5	74	4	PCT-US95-1	Sequence 94, Applicati	7.73e-03
11	25	4.5	75	4	PCT-US95-1	Sequence 99, Applicati	7.73e-03
12	25	4.5	75	4	PCT-US95-1	Sequence 99, Applicati	7.73e-03
13	25	4.5	81	4	PCT-US95-1	Sequence 92, Applicati	7.73e-03
14	25	4.5	82	4	PCT-US95-1	Sequence 97, Applicati	7.73e-03
15	25	4.5	82	4	PCT-US95-1	Sequence 97, Applicati	7.73e-03
16	23	4.2	65	1	US-08-471-	Sequence 143, Applicat	1.03e-01
17	23	4.2	68	1	US-08-471-	Sequence 143, Applicat	1.03e-01
18	23	4.2	74	4	PCT-US95-1	Sequence 92, Applicati	1.03e-01
19	23	4.2	81	4	PCT-US95-1	Sequence 92, Applicati	1.03e-01
20	22	4.0	66	1	US-08-471-	Sequence 144, Applicat	3.65e-01

C	21	22	4.0	66	1	US-08-471-	Sequence 144, Applicat	3.65e-01
C	22	22	4.0	69	1	US-08-471-	Sequence 142, Applicat	3.65e-01
C	23	22	4.0	69	1	US-08-471-	Sequence 142, Applicat	3.65e-01
C	24	22	4.0	242	1	US-08-273-	Sequence 1, Applicatio	3.65e-01
C	25	22	4.0	2291	3	US-08-725-	Sequence 1, Applicatio	3.65e-01
C	26	21	3.8	74	4	PCT-US95-1	Sequence 100, Applicat	1.25e+00
C	27	21	3.8	81	4	PCT-US95-1	Sequence 98, Applicati	1.25e+00
C	28	21	3.8	92	3	US-08-353-	Sequence 16, Applicati	1.25e+00
C	29	21	3.8	92	3	US-08-353-	Sequence 16, Applicati	1.25e+00
C	30	21	3.8	108	2	US-08-878-	Sequence 2, Applicatio	1.25e+00
C	31	21	3.8	108	2	US-08-357-	Sequence 2, Applicatio	1.25e+00
C	32	21	3.8	1302	3	US-08-529-	Sequence 3, Applicatio	1.25e+00
C	33	21	3.8	2995	3	US-08-592-	Sequence 85, Applicati	1.25e+00
C	34	20	3.6	59	4	PCT-US95-1	Sequence 95, Applicati	4.18e+00
C	35	20	3.6	65	1	US-08-471-	Sequence 145, Applicat	4.18e+00
C	36	20	3.6	64	4	PCT-US95-1	Sequence 93, Applicati	4.18e+00
C	37	20	3.6	68	1	US-08-471-	Sequence 143, Applicat	4.18e+00
C	38	20	3.6	2277	2	US-08-676-	Sequence 2, Applicatio	4.18e+00
C	39	20	3.6	2277	2	US-08-676-	Sequence 2, Applicatio	4.18e+00
C	40	20	3.6	3713	2	US-08-330-	Sequence 3, Applicatio	4.18e+00
C	41	20	3.6	3713	2	US-08-330-	Sequence 4, Applicatio	4.18e+00
C	42	20	3.6	11236	2	US-07-853-	Sequence 1, Applicatio	4.18e+00
C	43	20	3.6	26700	2	US-08-472-	Sequence 1, Applicatio	4.18e+00
C	44	20	3.6	26700	3	US-08-488-	Sequence 5, Applicatio	4.18e+00
C	45	20	3.6	35100	4	PCT-US93-0	Sequence 19, Applicati	4.18e+00

ALIGNMENTS

RESULT 1
ID US-08-746-789A-1 STANDARD; DNM; UNC; 1920 BP.
AC xxxxxx
DE Sequence 1, Application US/08746789A
CC Sequence 1, Application US/08746789A
CC Patent No. 5789200
CC GENERAL INFORMATION:
CC APPLICANT: Ismail Kola, Martin J. Tyms, Christine Debouck
CC TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3
CC NUMBER OF SEQUENCES: 4
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: SmithKline Beecham Corporation
CC STREET: 709 Swedeland Road, P.O. Box 1539
CC CITY: King of Prussia
CC STATE: PA
CC COUNTRY: USA
CC ZIP: 19406-0939
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
CC OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
CC SOFTWARE: MICROSOFT WORD
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/746,789A
CC FILING DATE: No. 5789200el December 15, 1996
CC CLASSIFICATION: 514
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER:
CC FILING DATE:
CC ATTORNEY/AGENT INFORMATION:
CC NAME: William T. Han
CC REGISTRATION NUMBER: 34,344
CC REFERENCE/DOCKET NUMBER: ATG 50024
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 610 270 5219
CC TELEFAX: 610 270 4026
CC INFORMATION FOR SEQ ID NO: 1:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 1920
CC TYPE: Nucleic Acid
CC STRANDEDNESS: Single
CC TOPOLOGY: Linear
CC ANTI-SENSE: NO

CC	MOLECULE TYPE: DNA (genomic)						
SQ	SEQUENCE	965 BP;	192 A;	170 C;	226 G;	200 T;	177 OTHER.
	Query Match	6.2%	Score 34;	DB 3;	Length 965;		
	Best Local Similarity	12.7%;	Pred. No. 2,65e-08;				
	Matches	20; Conservative	78; Mismatches 58;	Indels 2;	Gaps 2;		
Db	777	GTAKGRHUUVASGVSVRTCTCTASDYTTSTWVGKGMWDYGGGYNTNKGKRGVYMA	836				
	:	: : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :					
Cp	7386	GTTGGACGGAGGAGGAACGTGCATCAGACTGTGAAGAATTTCACAACAGTGTGTTCAA	7327				
Db	837	DTSSRSBS -TTADPTAAYICVBRBSYSDDGDYMGCTTYVSSHUYKDMS -SSASVC	894				
Cp	7326	CCCCGGCTTTTAATTCACAAGAGGGCGAGGAGAGGCCCAAGGCTGCACITTAGGAGAC	7267				
	:	: : : : : : : : : : : : : : : : : : : : : : : : : : : : : :					
Db	895	DRVTTCRSSTTHGNONTYYWKRAKYVNSRSEVSR	932				
	:	: : : : : : : : : : : : : : : : : : : : : : : : : : : : : :					
Cp	7266	TGCAGAGGGCACGCCCAACAGGTTCTTCTCTCTACAG	7229				

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RESULT      4
ID          US-08-388-672A-22 STANDARD; DNA; UNC; 965 BP.
AC          xxxxxx
DE          Sequence 22, Application US/08388672A
CC          Sequence 22, Application US/08388672A
CC          Patent No. 5795961
CC          GENERAL INFORMATION:
CC          APPLICANT: Wallace, T. Paul
CC          APPLICANT: Harris, William J.
CC          APPLICANT: Carr, Frank J.
CC          APPLICANT: Old, Lloyd J.
CC          APPLICANT: Welf, Sydney
CC          APPLICANT: Kitamura, Kunio
CC          TITLE OF INVENTION: Recombinant Human Anti-Lewis B
CC          TITLE OF INVENTION: Antibodies
CC          NUMBER OF SEQUENCES: 25
CC          CORRESPONDENCE ADDRESS:
CC          ADDRESSEE: Felfe and Lynch
CC          STREET: 805 Third Avenue
CC          CITY: New York
CC          STATE: New York
CC          COUNTRY: U.S.A.
CC          ZIP: 10022
CC          COMPUTER READABLE FORM:
CC          MEDIUM TYPE: Floppy disk
CC          COMPUTER: IBM PC compatible
CC          OPERATING SYSTEM: PC-DOS/MS-DOS
CC          SOFTWARE: PatentIn Release #1.0, Version #1.30
CC          CURRENT APPLICATION DATA:
CC          APPLICATION NUMBER: US/08/388,672A
CC          FILING DATE: 14-FEB-1995
CC          CLASSIFICATION:
CC          ATTORNEY/AGENT INFORMATION:
CC          NAME: Hanson, No. 5795961man D.
CC          REGISTRATION NUMBER: 30,946
CC          REFERENCE/DOCKET NUMBER: LUD 5409
CC          TELECOMMUNICATION INFORMATION:
CC          TELEPHONE: 212-688-9200
CC          TELEFAX: 212-838-3884
CC          INFORMATION FOR SEQ ID NO: 22:
CC          SEQUENCE CHARACTERISTICS:
CC          LENGTH: 965 base pairs
CC          TYPE: nucleic acid
CC          STRANDEDNESS: unknown
CC          TOPOLOGY: unknown
CC          MOLECULE TYPE: DNA (genomic)
SQ          SEQUENCE 965 BP; 192 A; 170 C; 226 G; 200 T; 177 OTHER.

Query Match      5.8%; Score 32; DB 3; Length 965;
Best Local Similarity 13.2%; Pred. NO. 4.83e-07;
Matches 15; Conservative 56; Mismatches 43; Indels 0; Gaps 0

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Db 837 DTSSNRSSVTAADTAVYYCYKRGASYSDDGDIWGGTTTVYSSHUVDKMTSSSAVSIGDR 896
      :|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
Qy 7387 ATGCACCTGCAGCAATAGACCCCACTGCAGATGCCCTGGCCCTCAGCCACAGAGAGCTGGGAGA 7446
      :|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
Db 897 VTTCSSSTTHGNMYYWYKGAIFYRYSNRGVSRSGSSTGDTYTSDDATYYC 950
      :|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
Qy 7447 CTGTGGCAGGAGACTGCAAGGACGAGGAGACAGGAGTTGTCTCTCGGTACTTC 7500

RESULT 5
ID US-08-232-463-14 STANDARD; DNA; UNC; 7218 BP.
AC xxxxxx
DE Sequence 14, Application US/082322463
DE Sequence 14, Application US/08232463
DE Patent No. 5670367
DE GENERAL INFORMATION:
CC APPLICANT: DORNER, F.
CC APPLICANT: SCHEFFLINGER, F.
CC APPLICANT: FALKNER, F. G.
CC TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
CC NUMBER OF SEQUENCES: 52
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Foley & Lardner
CC STREET: 1800 Diagonal Road, Suite 500
CC CITY: Alexandria
CC STATE: VA
CC COUNTRY: USA
CC ZIP: 22313-0299
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: Patent In Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/232,463
CC FILING DATE:
CC CLASSIFICATION: 435
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US/07/935,313
CC FILING DATE:
CC APPLICATION NUMBER: EP 91 114 300.6
CC FILING DATE: 26-AUG-1991
CC ATTORNEY/AGENT INFORMATION:
CC NAME: BENT, Stephen A.
CC REGISTRATION NUMBER: 29,768
CC REFERENCE/DOCKET NUMBER: 30472/114 IMMU
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (703)836-9300
CC TELEFAX: (703)683-4109
CC TELEX: 899149
CC INFORMATION FOR SEQ ID NO: 14:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 7218 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: single
CC TOPOLOGY: linear
CC IMMEDIATE SOURCE:
CC CLONE: pTZgpt-Fls
SQ SEQUENCE 7218 BP; 1944 A; 1491 C; 1486 G; 1929 T; 368 OTHER.

Query Match 5.8%; Score 32; DB 2; Length 7218;
Best Local Similarity 2.0%; Fred.No. 4.83e-07;
Matches 2; Conservative 63; Mismatches 33; Indels 0; Gaps 0.

Db 1339 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1398
      :|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
Cp 7482 CCGCTGCCCGCCGCGCCCTGCAGCTCTCTCTGCCAAGCTCTCCCAAGCTCTGCTGAGG 7423
      :|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
Db 1399 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYGT 1436
      :|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
Cp 7422 CCAGCAGCTGCAGGTGGCTCTCATTTGCAGTGCATGT 7385
      :|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|

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